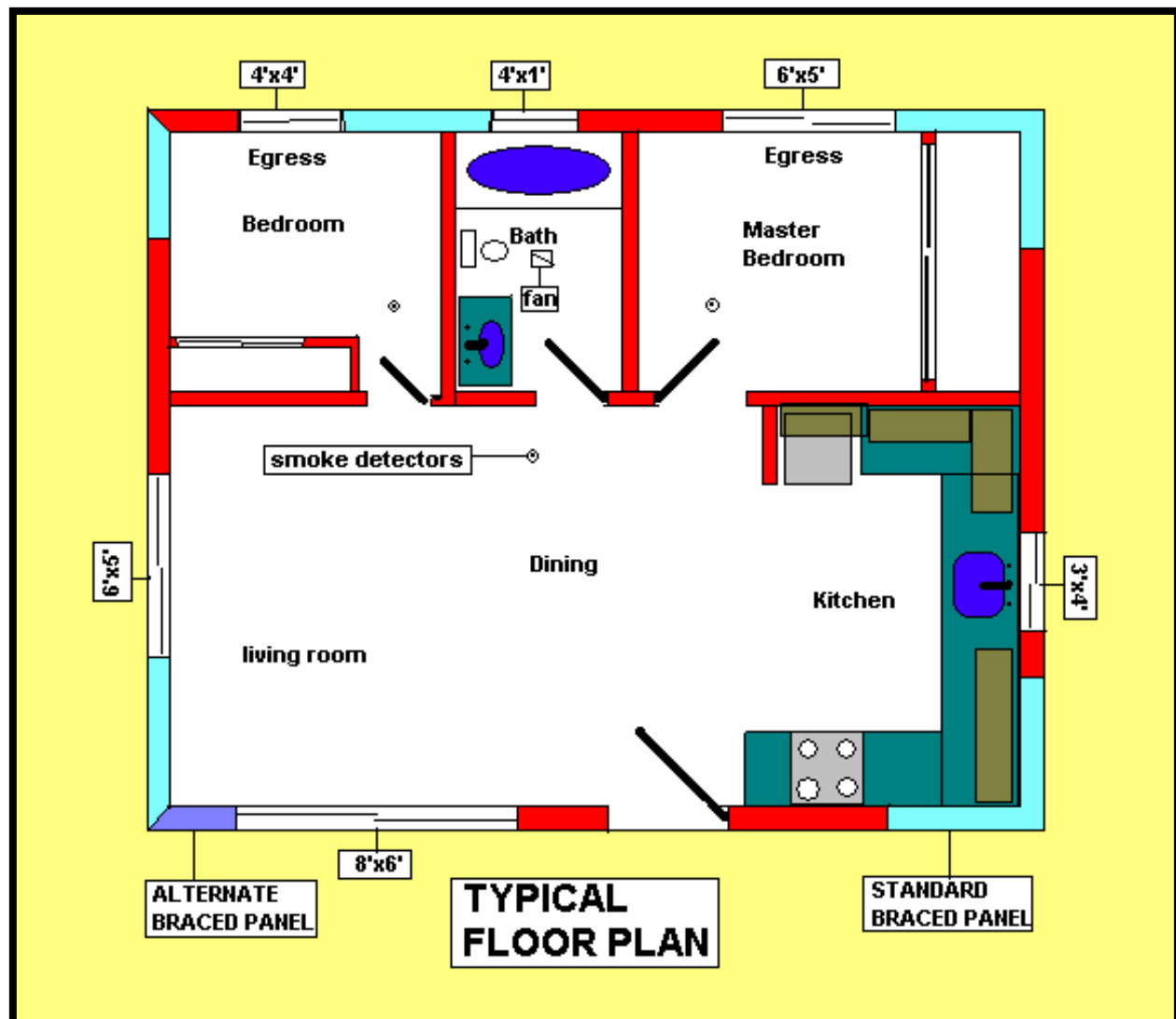


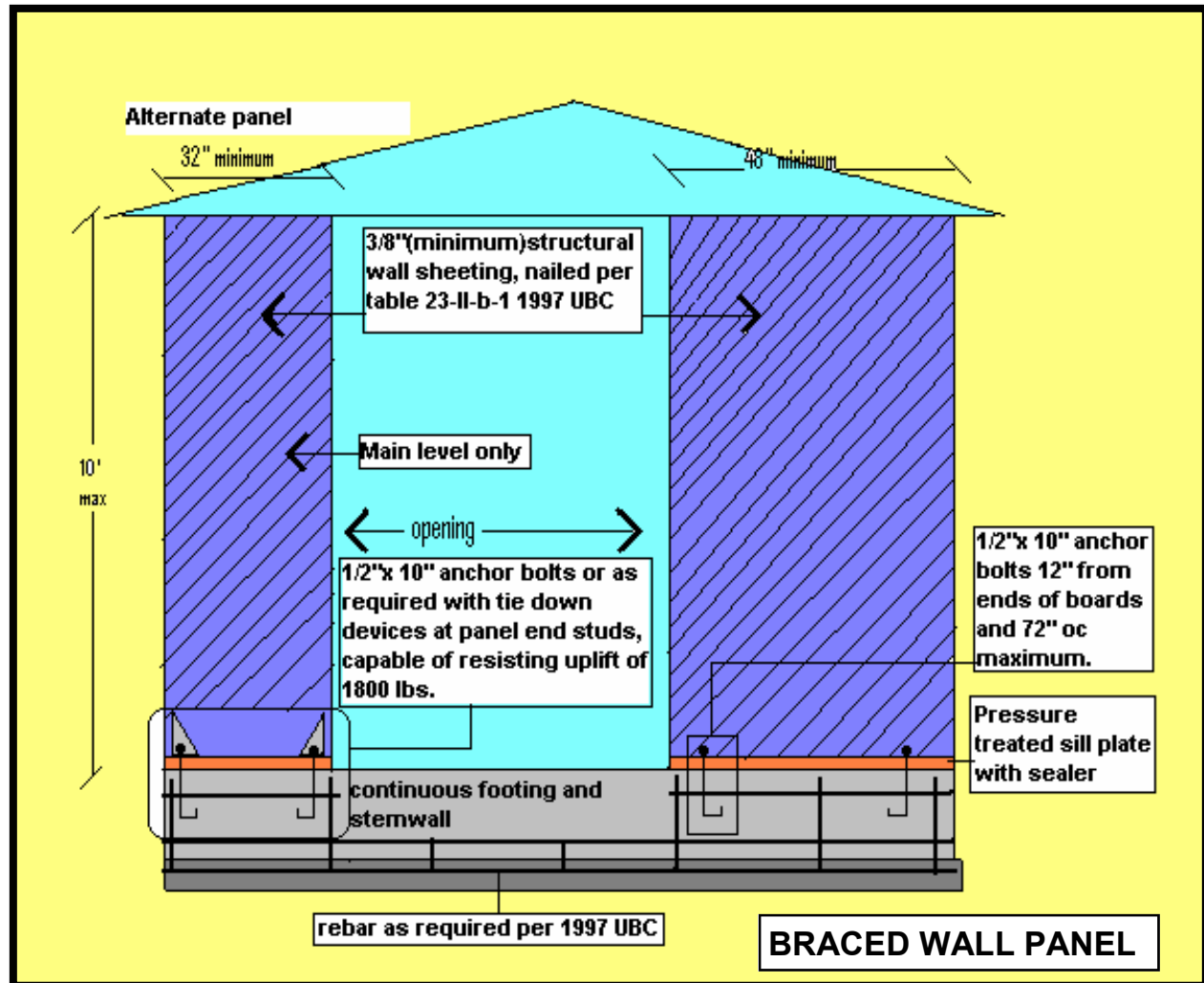
Planning & Community  
Development Department  
1421 N Meadowwood Lane  
Suite 120  
Liberty Lake, WA 99019  
Phone: (509) 755-6707  
Fax: (509) 755-6713  
[www.cityoflibertylake.com](http://www.cityoflibertylake.com)

## TYPICAL CONSTRUCTION DETAILS



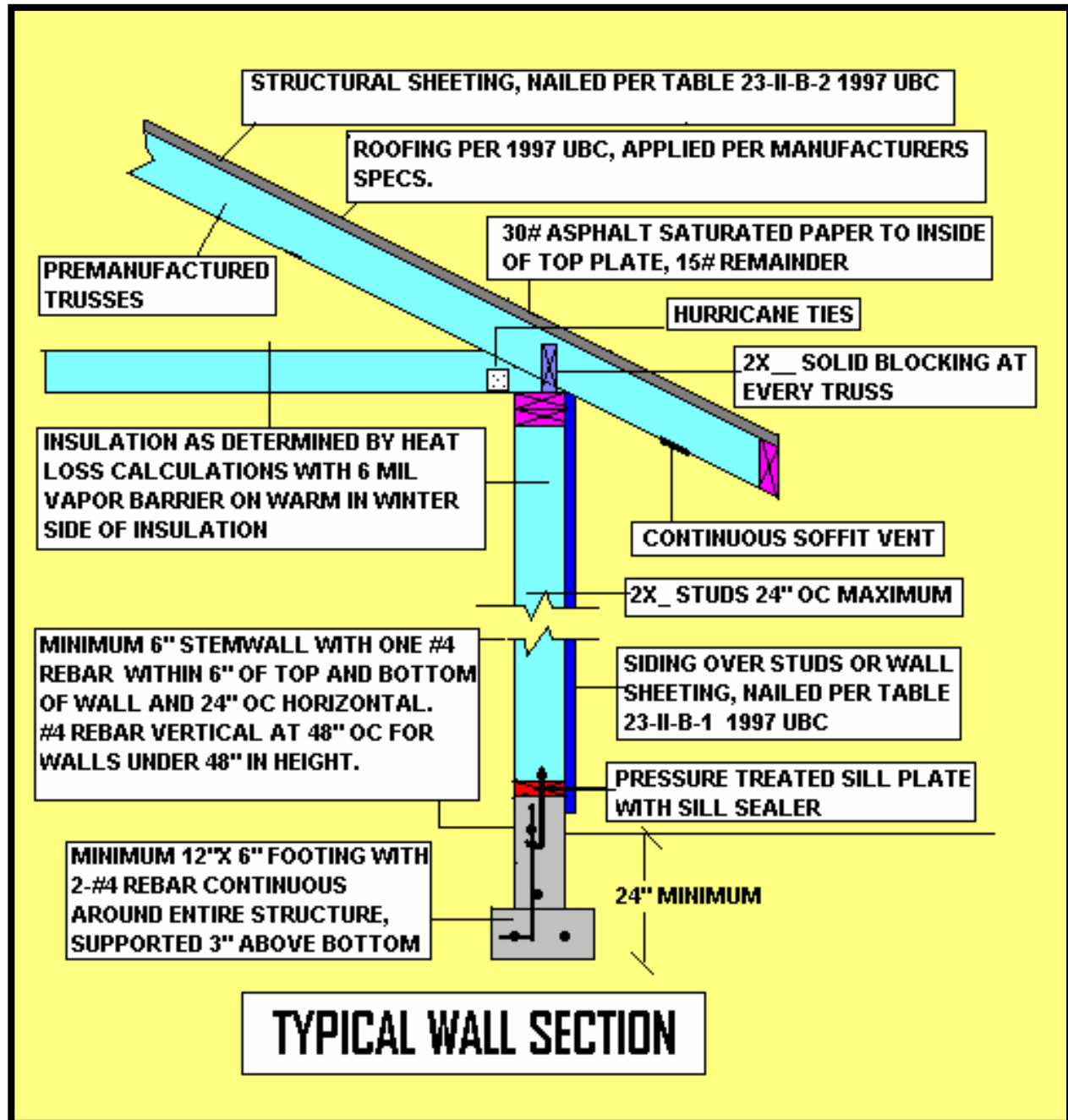
## TYPICAL CONSTRUCTION DETAILS

(page 2)



## TYPICAL CONSTRUCTION DETAILS

(page 3)



## TYPICAL CONSTRUCTION DETAILS

(page 4)

### TYPICAL FOUNDATION WALL DETAILS

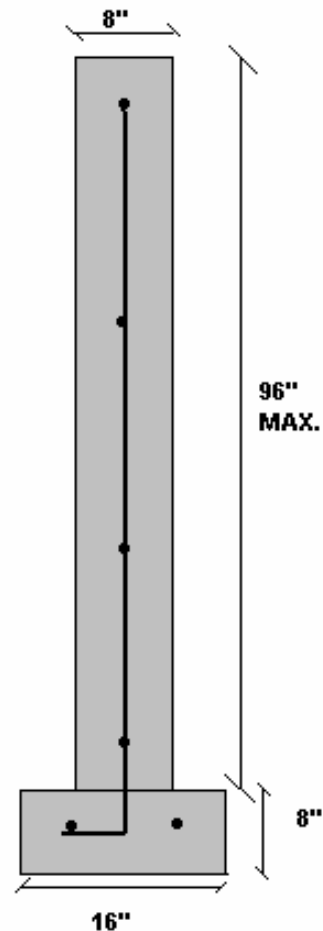
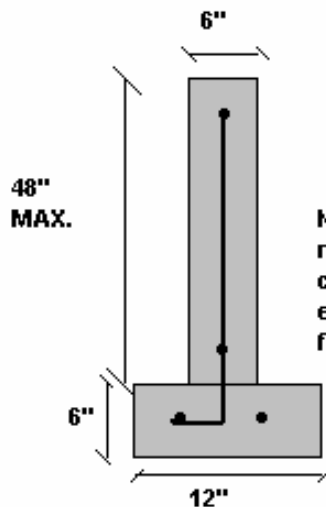
**NOTE:**  
IN BOTH CASES,  
HORIZONTAL REBAR  
MUST BE PLACED WITHIN  
6 INCHES OF THE TOP  
AND BOTTOM OF THE  
WALL.

#### Vertical Rebar

Number 4 or 1/2" Rebar, spaced not more than 48" o.c. in walls less than 4 feet in height and 24" o.c. in walls exceeding 4 feet in height up to and including 8 feet in height. Walls over 8 feet require design by a professional engineer.

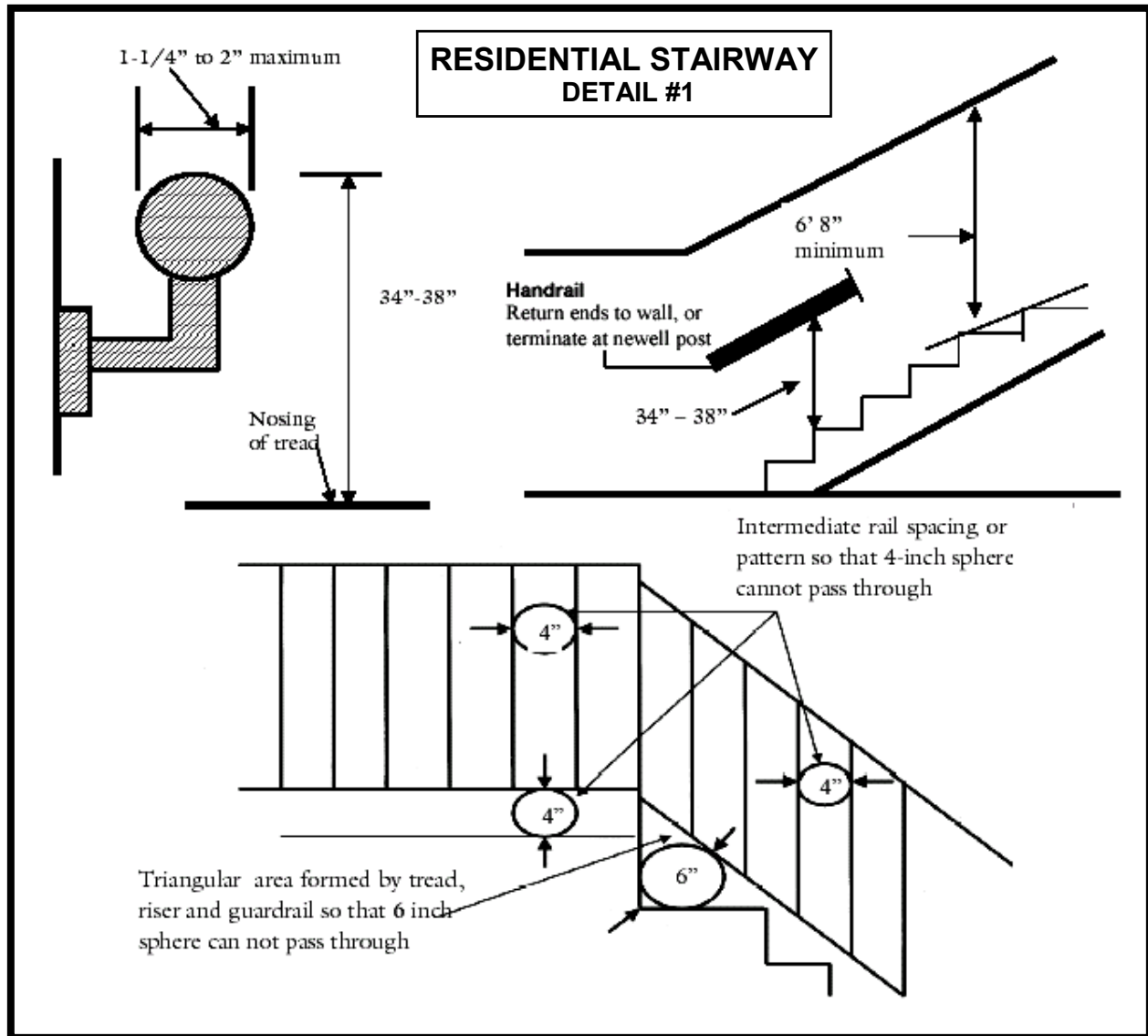
#### Horizontal Rebar

Number 4 or 1/2" Rebar, spaced not more than 24 inches on center, continuous around the entire building. 2 Rebars in the footing are required.



# TYPICAL CONSTRUCTION DETAILS

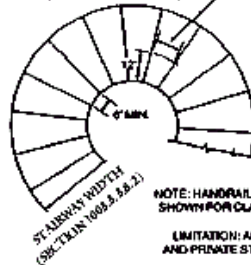
(page 5)



# TYPICAL CONSTRUCTION DETAILS

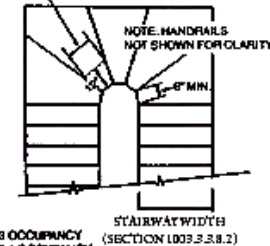
(page 6)

REQUIRED WIDTH OF RUN SHALL  
BE PROVIDED IN THIS LOCATION  
(SECTION 1003.3.3.8.2)



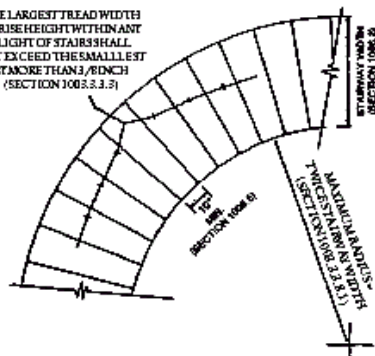
PLAN VIEW  
WINDING STAIRWAY

REQUIRED WIDTH OF RUN SHALL  
BE PROVIDED IN THIS LOCATION  
(SECTION 1003.3.3.8.2)

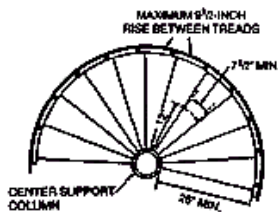


PLAN VIEW  
ALTERNATE USE OF WINDERS

THE LARGEST TREAD WIDTH  
OF RISE HEIGHT WITHIN A  
FLIGHT OF STAIRS SHALL  
NOT EXCEED THE SMALLEST  
TREAD MORE THAN 3/8 INCH  
(SECTION 1003.3.3.3)



PLAN VIEW  
CIRCULAR STAIRWAY



LIMITATIONS:  
1. ONLY APPLIES TO R-3 OCCUPANCY  
AND PRIVATE STAIRWAYS IN  
R-1 OCCUPANCIES.  
2. LIMITED TO SERVING AS EXIT  
FOR 400 SQUARE FEET MAXIMUM.

PLAN VIEW  
SPIRAL STAIRWAY

## Stair Dimensions

- 1 Width (36" minimum)
- 1 Rise (4" minimum - 8" maximum)
- 1 Run (9" minimum)
- 1 The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8". Stair treads shall be of uniform size and shape, except the largest tread run within any flight of stairs shall not exceed the smallest by more than 3/8 inch.

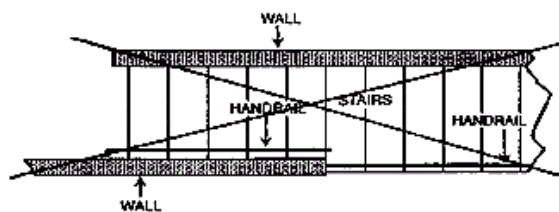
## Handrails

- 1 One required (two required if stair is open on sides) if there are four or more risers.
- 1 Height (34" to 38" above nosing of treads).
- 1 Projection (1-1/2" between handrail and wall).
- 1 Handrails shall be continuous the full length of the stairs. Ends shall be returned or shall terminate in newel posts or safety terminals.

## Guardrails

- 1 Required if 30" or more above grade.
- 1 Height (36" high at landings - handrail height at steps).
- 1 Openings (small enough that a 4" diameter sphere can not pass through).

## ACCEPTABLE SHAPES AND INSTALLATIONS--HANDRAIL

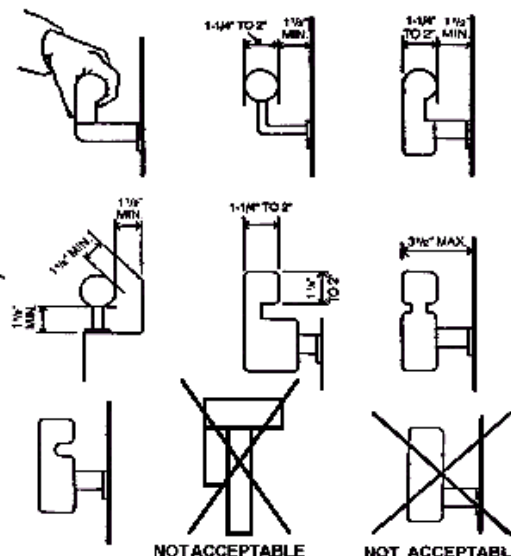


NOT ACCEPTABLE

THE HANDRAIL DETAIL SHOWN HERE DOES NOT COMPLY WITH  
THE "CONTINUOUS" TERMINOLOGY IN THE CODE.

HANDRAIL CONTINUITY

## RESIDENTIAL STAIRWAY DETAIL #2



NOT ACCEPTABLE

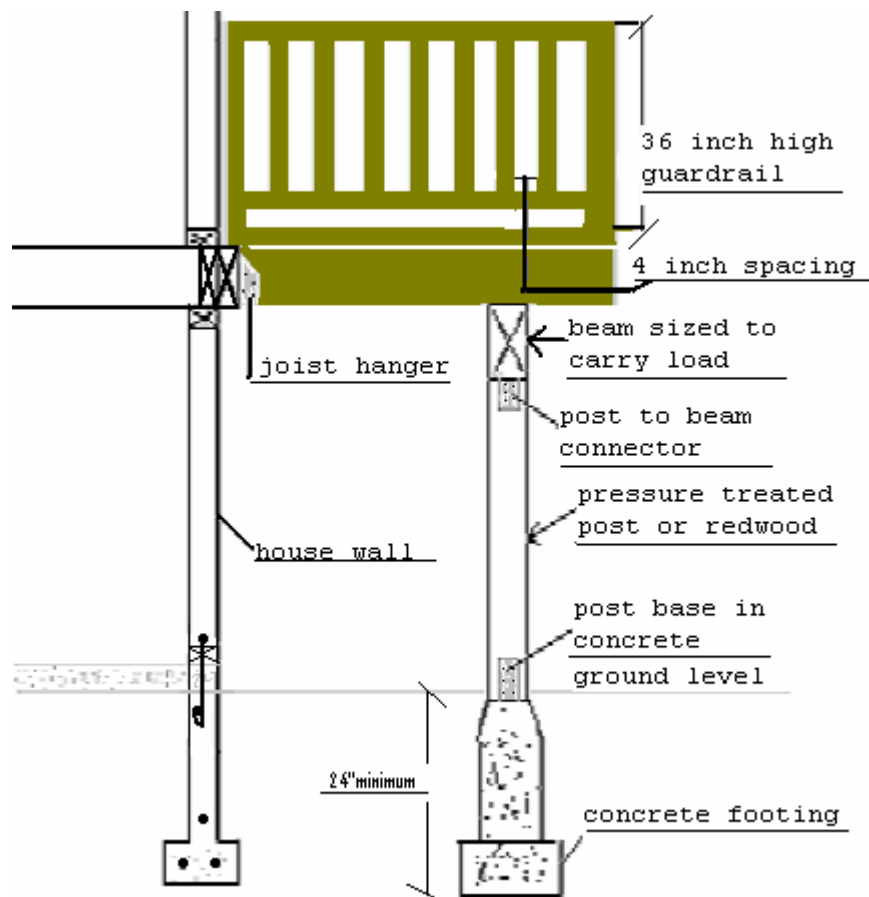
NOT ACCEPTABLE

Please note that while every effort is made to assure the accuracy of the information contained in this brochure it is not warranted for accuracy. This document is not intended to address all aspects or regulatory requirements for a project and should serve as a starting point for your investigation. For detailed information on a particular project, permit, or code requirement refer directly to applicable file and/or code/regulatory documents or contact the appropriate division or staff.

## TYPICAL CONSTRUCTION DETAILS

(page 7)

### DECK DETAIL



## TYPICAL CONSTRUCTION DETAILS

(page 8)

